GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:3629
ANSWERED ON:12.12.2001
LAUNCH PLATFORM AT SHAR CENTRE
HOLKHOMANG HAOKIP

Will the Minister of SPACE be pleased to state:

(a) the estimated budget for the Second Launch Platform at SHAR Centre and its present status thereof;

(b) the other infrastructure projects being planned and taken up at different Centres of the Department of Space across the country and their capabilities in the exploration and use of space;

(c) the deadline for realisation of the indigeneous cryogenic engine being developed by ISRO and its progress report; and

(d) the bottlenecks to develop our own cryogenic engine, if any?

Answer

THE MINISTER OF STATE OF THE MINISTRY OF SMALL SCALE INDUSTRIES, MINISTER OF STATE IN THE MINISTRY O PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS, MINISTER OF STATE IN THE MINISTRY OF PLANNING AND MINIS OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND DEPARTMENT OF SPACE (SMT.VASUNDHARA RAJE):

(a) The budget for the Second Launchpad Project is Rs. 305.22 Crores. Detailed engineering of the project has been completed. Good progress has been achieved in civil works and the required equipment have been ordered.

(b) The Department uses infrastructures already created in ISRO Centres and those available in industries, national laboratories and academic institutions to the maximum extent and undertakes infrastructure projects only when they are not available or not adequate such as antenna test complex being built at ISRO Satellite Centre.

(c) The indigenous cryogenic stage including engine is scheduled for realisation by 2003-2004. The project has made considerable progress in terms of erection and commissioning of the test facilities, realisation of the engine, production of liquid hydrogen from the inhouse plant, initiation of qualification of engine and the fabrication of stage tankages and components.

(d) There are no bottlenecks to develop indigeneous cryogenic engine other than the complexity of technology.